BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: VIDYARANYAPURA

***Name of Work**: Estimate for Improvements to roads and Drains at AVR Floor Mill Road and Surroundings in ward no 10 Vidyaranyapura Sub Division.*

Estimated Cost: Rs. 15.00 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

[illegible] for Improvements to roads and Drains at AVR Floor Mill Road and [illegible] Vidyaranyapura Sub Division.

					Estimate Cost:			**1500000.00**
[illegible]	Unit	No.	L	B	D	Qty	Rate	Amount
[illegible] by manual [illegible] an average lift [illegible] and sides [illegible] to be leveled [illegible] complete as per [illegible] as per specifications [illegible] Item No. 19.2 [illegible]	Cum							
[illegible]		2	100.00	1.20	1.00	240.00		
[illegible]		1	50.00	1.20	1.00	60.00		
						300.00	90.72	**27216.00**
Basic Rate	84.00							
[illegible] Weightage @8%	6.72							
Total	**90.72**							
[illegible] laying in position [illegible] with OPC [illegible] and down size [illegible] coarse aggregates @ 0.85 [illegible] @ 0.95cum machine [illegible] in layers not exceeding 15 [illegible] in foundation and [illegible] cost of all materials, labour, [illegible] curing complete as per [illegible] Specification No. KBS 4.1, 4.2 [illegible] PWD SR - 2013-14	Cum							
[illegible]		2	100.00	1.00	0.15	30.00		
		1	50.00	1.00	0.15	7.50		
						37.50	4290.84	**160907.00**
Basic Rate	3973.00							
[illegible] Weightage @ 8%	317.84							
Total	**4290.84**							
[illegible] providing and removing centering, [illegible] shuttering, propping etc., and removal of [illegible] vertical surface such as **walls at** [illegible] including attached pilasters, [illegible] band and string courses cost of all [illegible] labour complete as per specifications. [illegible] Page No.17 / Item [illegible]	Sqm							
For RCC Drain		4x2	100.00		0.60	480.00		
		4	50.00		0.60	120.00		
Covering Slab		2	100.00	0.60		120.00		
		1	50.00	0.60		30.00		

Description	Unit	No.	L	B	D	Qty	Rate	Amount
Covering Slab Sides		4	100.00		0.15	60.00		
		2	50.00		0.15	15.00		
						825.00	271.08	**223641.00**
Basic Rate	251.00							
Area Weightage @ 8%	20.08							
Total	**271.08**							
KBS 4.2.2 : Providing and laying in position reinforced cement **concrete of design mix M20** with OPC cement **@ 320 Kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.459 cum wuth superplastisier @ 3lts confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works **in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, wall** (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.6 **Page No. 13 / Item No. 4.11 PWD SR - 2013-14**	Cum							
Bottom		2	100.00	0.90	0.15	27.00		
		1	50.00	0.90	0.15	6.75		
Side Walls		4	100.00	0.15	0.60	36.00		
		2	50.00	0.15	0.60	9.00		
Covering Slab		2	100.00	0.90	0.10	18.00		
		1	50.00	0.90	0.10	4.50		
						101.25	5639.76	**571026.00**
Basic Rate	5222.00							
Area Weightage @ 8%	417.76							
Total	**5639.76**							
5 KSRB 4.9.2 : Providing **T.M.T steel reinforcement for R.C.C** work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **Page No. 19 / Item No. 4.46.2 PWD SR 2013-14** TMT bar Fe 500	Qntl							
Consider 65 Kg / Cum for CC Drain		0.65	101.25			65.81		
						65.81	7450.92	**490364.00**
Basic Rate	6899.00							
Area Weightage 8%	551.92							
Total	**7450.92**							

Description	Unit	No.	L	B	D	Qty	Rate	Amount
...Debris shall be payable at ... by Mechanical means inlcuding ... From 0.00 to 2.00 Km (...	Cum							
		Vide Item No. 1				150.00	72.71	10906.00
... weight of earth 1.28 tonne / kg for ...	5.12							
... loading and unloading Vide item no.17.1	62.20							
	67.32							
Area Weightage @ 8%	5.39							
Total	**72.71**							
								15000.00
Third Party QC Inspection Charges @ 1% of ...imate Cost								**940.00**
...iscellaneous and other Charges	L/S							
							Total	**1500000.00**

(Rs. Fifteen Lakhs Only)

...TIFICATE:

The work spot has been inspected and the work is found necessary.

This estimate is prepared as per P.W.D S.R of 2013-14.

The provisions were made in this estimate are necessary and adequate.

This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidayranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Executive Engineer
Byatarayanapura Division
Yelahanka Zone, B.B.M.P.
Bangalore - 560 092

...MINISTRATIVELY SANCTIONED FOR Rs. 15.00 lakhs

Rupees Fifteen Lakhs only

Order

Registered as EE ( ) No 3 ...9...

Subject to conditions contained in enclosed memo EE ( ) No /9/...

To Estimate A/Sanctioned

A.S. No 658/13-14

-2-13 Rs 15.00 Lakhs

Technical Sanction for Rs. 15.00 lakhs
Fifteen lakhs only

EE/BTP/413/13-14.

Registered as EE/No: Dated Sub

to conditions contained enclosed memo.

No: Dr.

EE (BTP) Div

ABJE

Joint Commissioner
(Yelahanka Zone)
BBMP. Bengaluru-92